Review of linear equations and inequalities name:

Solve for x.

1. 4x + 8 = 32
2. 8 + 3x = 8
3. 7x + 5 + 7x > - 135
4. - 8 = 6x + 2x - 8
5. 5x + 1 < 1
6. 2x + 2 = 1/2
7. - 7x + 9 = 9
8. 1/3x + 8 = 9
9. + 10 = 14
10. 4x - 8 > - 89 - 5x
11. 7( - 3x + 5) = 98
12. - 5(3x + 4) = 70
13. 7(4x - 6) < 238
14. 2(1 - 6x) = - 34
15. 5/6x + 1 + 7x = 238/3
16. 4 + 2/5x = 6/5
17. - 4 + 2/3x > -67/15
18. 1/7x - 4 = - 3
19. 5 - 2x = -6/7x - 45/7
20. 7 + 4x < 1/2x - 14

Graph the following.

1. y = 4x-1



1. y = x + 9



1. y = x / 7 + 2



1. y < 2x - 10



1. y > - 2 - 2x



1. y ≤ 4x + 3



1. y ≥ - 2 + 3x



1. y < - 3 + 3x



1. y > - 7x + 7



1. y (2/3)x+1

